

RED RIVER AUTHORITY OF TEXAS
Summary of the Red River Basin
Advisory Committee Meeting
May 2, 2017

The Red River Basin Advisory Committee Meeting was held on May 2, 2017, in the Conference Room at the Red River Authority of Texas Administrative Offices and Environmental Laboratory in Wichita Falls, Texas at 1:00 p.m. There were approximately 26 stakeholders, including staff, in attendance at the meeting.

Mr. Jose Martinez, Clean Rivers Program Project Manager with the Authority, opened the meeting with introductions and provided a short review of the meeting agenda. He emphasized the importance of stakeholder participation in the Clean Rivers Program through their comments and suggestions.

Mr. Martinez began the meeting with a presentation of the *Draft 2017 Basin Highlights Report* and *Proposed FY-2018 Coordinated Monitoring Efforts*. He presented information regarding current 303(d) impairments and 305(b) concerns as they relate to water quality throughout the Red River Basin. Mr. Martinez also discussed current trends in water quality within several segments, focusing on both total dissolved solids (TDS) and nutrient trends within segments appearing on the *Texas 2014 Integrated Report (2014 IR)*. Additionally, Mr. Martinez provided an update on the status of several Recreational Use Attainability Analysis (RUAA) projects throughout the Red River Basin. He emphasized unique trends within several water bodies, including, but not limited to, Smith Creek, Mud Creek, Lake Kemp, Lake Wichita, and the Upper Prairie Dog Town Fork of the Red River. Mr. Martinez strongly encouraged all stakeholders to review the information prepared by the Authority in the *Draft 2017 Basin Highlights Report* for additional information on pertinent water quality issues throughout the Canadian and Red River Basins.

Additionally, Mr. Peter Gross with Good Earth Mechanics (GEM) continued the meeting with his presentation on the proposed *Salinity Gradient Solar Ponds Project for Truscott Brine Lake*. Mr. Gross discussed how current renewable resources are non-dispatchable that require complex storage solutions and/or peaking plants. Mr. Gross then explained how GEM was working on solutions to address this energy problem through Salinity Gradient Solar Ponds. He explained the Salinity Gradient Solar Pond technology, commercialization and the synergistic benefits of this GEM application. Mr. Gross specifically discussed GEM's lead off project at the U.S Army Corps. of Engineers Truscott Brine Lake and how the project will lead to a broader development for Texas and elsewhere.

Finally, Mr. Allen Pappas, Water Quality Program Manager at Pacific Architects and Engineers, concluded the presenters with an *Overview of Water Quality Programs at Sheppard Air Force Base (SAFB)*. He then discussed the compliance oversight and management of various water quality programs and permits including two Public Water Systems, a Wastewater Treatment Plant, Municipal Separate Storm Sewer System and a Multi-Sector General Permit. Mr. Pappas

continued by explaining how each program plays a role in protecting the environment and water quality at SAFB.

Mr. Martinez then opened the floor for final questions and comments and again encouraged stakeholders to review the *Draft-2017 Basin Highlights Report*. Following discussion, the meeting adjourned at approximately 4:00 p.m.